

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6548417

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	LUC DE BOER	11/14/2009
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	DUAL GRADIENT SYSTEMS, LLC	
<b>Street Address:</b>	2402 DRS DRIVE	
<b>City:</b>	RICHMOND	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	77406	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	8393403
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(713)238-8008	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	713-238-8000	
<b>Email:</b>	ewilliams@conleyrose.com	
<b>Correspondent Name:</b>	CONLEY ROSE, P.C.	
<b>Address Line 1:</b>	575 N. DAIRY ASHFORD ROAD, SUITE 1102	
<b>Address Line 4:</b>	HOUSTON, TEXAS 77079	
<b>ATTORNEY DOCKET NUMBER:</b>	3368-00000	
<b>NAME OF SUBMITTER:</b>	JAMES A. HOOPER	
<b>SIGNATURE:</b>	/James A. Hooper/	
<b>DATE SIGNED:</b>	02/11/2021	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

WHEREAS, Luc de Boer ("ASSIGNOR"), a citizen of the United States, residing at 2402 DRS Drive; Richmond, TX 77406 has developed and is the owner of certain inventions and their related patents and patent applications, as embodied in and represented by application for Letters Patent of the United States of America

\_\_\_\_\_ of even date filed herewith; and  
X filed on April 29, 2009 and assigned application number 12/432,194

(collectively, "Intellectual Property"); and

WHEREAS, the ASSIGNOR is desirous of assigning all of his right in the Intellectual Property to Dual Gradient Systems, L.L.C. ("ASSIGNEE"), a Texas limited liability company, doing business at 2402 DRS Drive; Richmond, Texas 77406.

**NOW, THEREFORE, subject to the terms, conditions, covenants and provisions of this Assignment, and in consideration of Ten Dollars (\$10.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the ASSIGNOR, the parties hereto, intending legally to be bound, agree as follows:**

ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, said ASSIGNOR'S entire right, title and interest in the Intellectual Property, including, without limitation, (i) all United States and foreign rights therein, whether patentable or not, and in and to aforesaid patents, patent applications and any divisions or continuations thereof, and any patents or similar registrations obtained for the said Intellectual Property in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such patents and (ii) all causes of action, past, present, and future, for infringement, unfair competition or otherwise with respect to the Intellectual Property and all disclosures of ideas, whether or not patentable and all pending applications.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR hereby covenants that (i) he believes himself to be the original and first inventor of the subject matter of the Intellectual property; (ii) he has the full right to convey his entire right, title and interest in said Intellectual Property, and (iii) he has not executed and will not execute any agreement in conflict herewith.

ASSIGNOR further covenants that he will, at any time, upon ASSIGNEE'S request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in the Intellectual Property, or any patents that may be granted therefore, in the ASSIGNEE, its successors and assigns,

and if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said Intellectual Property, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, or undertake any other act to secure and protect the ASSIGNEE'S rights in the Intellectual Property, that he will upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of the ASSIGNEE.

ASSIGNOR hereby acknowledges that the entire beneficial interest in the Intellectual Property and to which the above application relates is irrevocably vested in the ASSIGNEE including the right to make the application for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assents to the making of any such applications, with or without priority claims, and of any divisional application resulting therefrom.

ASSIGNOR further covenants that he will at all times communicate to the ASSIGNEE, its successors, assigns or legal representatives, all facts relating to said Intellectual Property and Letters Patent, or the history thereof, known to him, and testify as the same in interferences or other litigation, when requested so to do.

Executed and delivered this 14 day of NOVEMBER 2009.

Inventor: 

Luc de Boer

State of T E X A S

§

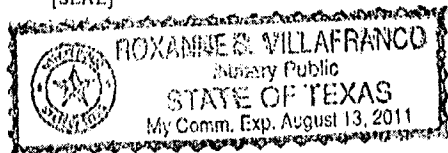
County of Tarrant

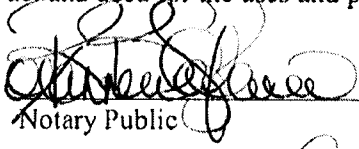
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BEFORE ME, the undersigned authority, personally appeared this 14 day of November 2009, Luc de Boer, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

[SEAL]



  
Notary Public

My Commission expires: August 13 2011